

GENERAL NOTES

This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Setting out of Electrical and Electronic accessories are to be as indicated on Architects details.

Refer to Architects and Structural Drawings for all building dimensions, latest building revisions and services.

Do not scale this drawing.

All work to comply with relevant Standards, Codes of Practice, Specification and Regulations.

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REV	DATE	BY	DESCRIPTION	CHK
B	09/7/24	NG	Detail A Added	
A	10/5/24	NG	General Revision	
0	8/6/23	CG	Original Issue	
REVISIONS				



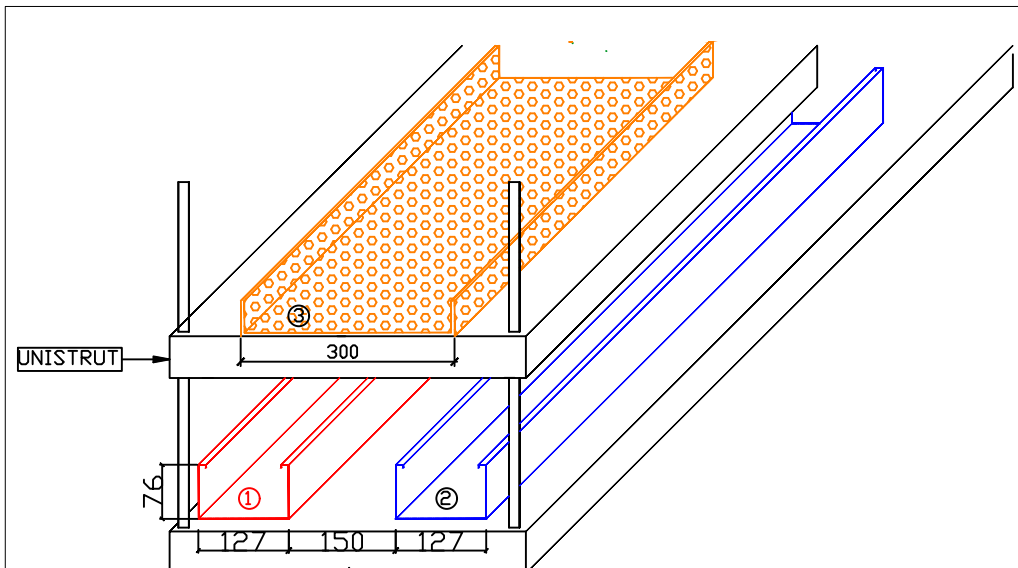
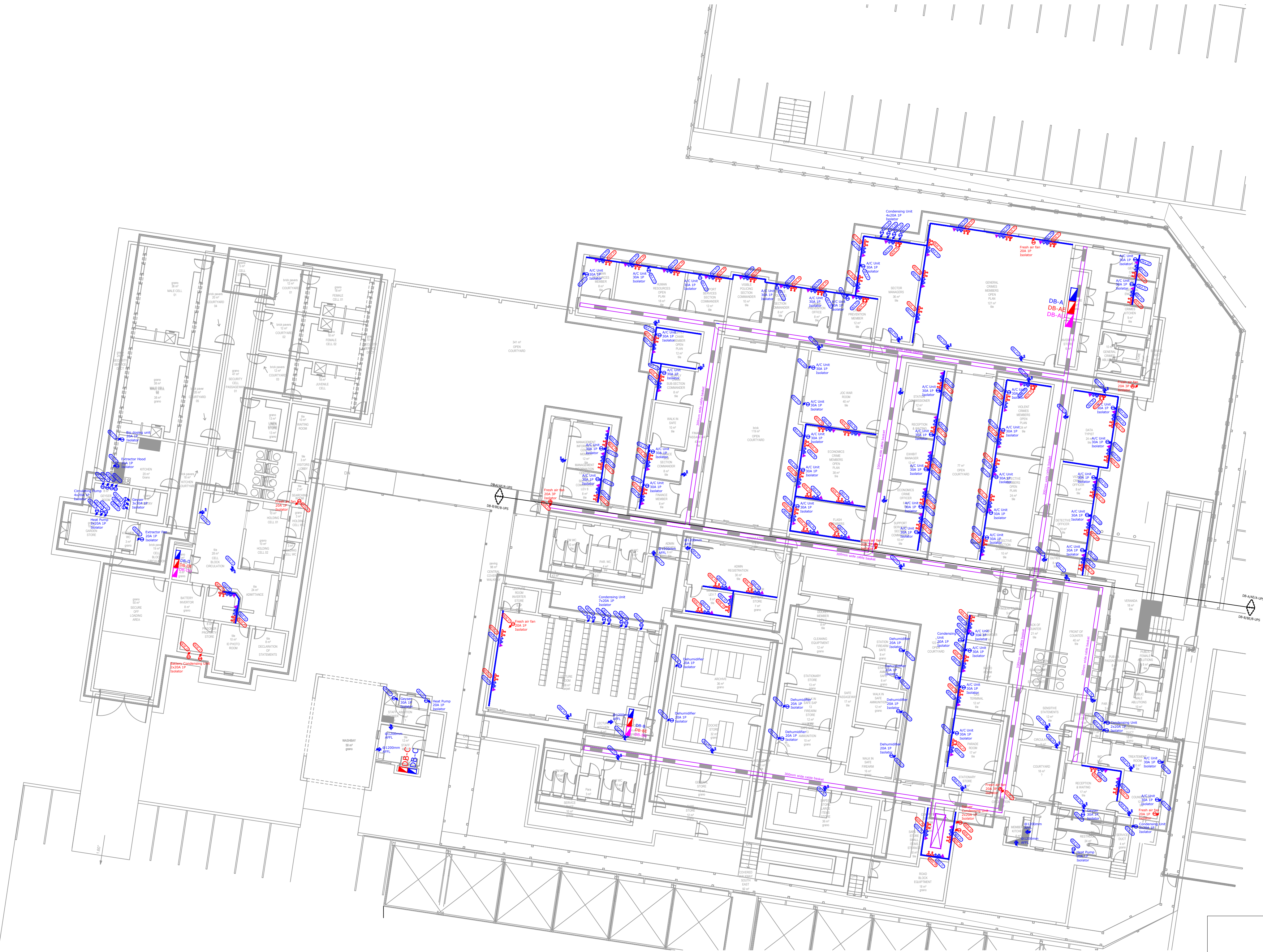
PROJECT/SERVICES

Ikageng Police Station

Electrical Installation

Ground Floor Power Layout

ENGINEER:	DRAWN BY:	DATE:	CHECKED:	SCALE:
S Nzama	C.G	8/6/23	MH	1:200
PROJECT No.	DRAWING No.	SHEET:	REV:	PAPER SIZE:
23029	200		B	A1
LAYERS:				



No.	DISCUSSION	H (mm)	W (mm)	USAGE
1	P9000 Trunking	76	127	Essential Power and Lighting
2	P9000 Trunking	76	127	Non-Essential Power and Lighting
3	Cable Basket	50	300	Electronic Services inclusive of: Telephone Services & Fire Detection

NOTES: (1) – Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to the contrary. (2) – Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends. (3) – All unwired conduits to be provided with draw wires. These will be withdrawn and checked at random. (4) – Cast in conduits to be spaced 35mm, minimum.	
SYMBOLS: 100x100 CONDUIT BOX 100x100 CONDUIT BOX AT 500AFTL 100x100 CONDUIT BOX AT 1400AFTL 100x50 CONDUIT BOX 100x50 CONDUIT BOX AT 300AFTL 100x50 CONDUIT BOX AT 1400AFTL ROUND CONDUIT BOX CLUSTER BOX (SIZE AS NOTED)	SYMBOLS: ROUND DRAW BOX 100x100 DRAW BOX 100x50 BOX BEHIND POWER SKIRTING CONDUIT TURNED UP (°) FOR DOWN DOWN CONDUCTOR TO EARTH OR EARTH TIE ROUND CONDUIT BOX CLUSTER BOX (SIZE AS NOTED)
SYMBOLS: DM – DOOR MONITOR CAM – CAMERA AC – ACCESS ALARM CR – CARD READER COM – COMMUNICATION/INTERCOM BOM – BACK GROUND MUSIC EL – ELECTRIC LOCK/STRIKE	SYMBOLS: 20mm, DIA. CONDUIT 25mm, DIA. CONDUIT 32mm, DIA. CONDUIT 50mm, DIA. CONDUIT SECTION OF CONDUIT OMITTED FOR CLARITY TWIN AND EARTH CABLE ROUTE OVERHEAD CAST-IN OVERHEAD ON SURFACE OR LAID ON CEILING FLOOR SLAB CAST-IN FLOOR SURFACE (IN FLOOR VOID) POWER SKIRTING TRUNKING CABLE SLEEVE CABLE TRAY/LADDER
SYMBOLS: SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN TELEPHONE JUNCTION BOX INTERCOM JUNCTION BOX DATA/COMMS JUNCTION BOX SECURITY, ETC. JUNCTION BOX DISTRIBUTION BOARD POSITION DB-1 BOARD DESIGNATION NUMBER	SYMBOLS: 16A SANS 164-1 SWITCHED SOCKET OUTLET (SSO) 16A SANS 164-1 DOUBLE SSO 16A SANS 164-1 SSO ON PEDESTAL 16A SANS 164-2 3 PIN SSO 16A SANS 164-1 & 164-2 COMBINATION SSO 16A SANS 164-4 RED SSO (OF SHAWED EARTH PIN) 3 PHASE C-FORM SSO 2 POLE ISOLATOR 4 POLE ISOLATOR 6A SANS 164-3 U/S SOCKET OUTLET SINGLE LEVER ONE WAY LIGHT SWITCH INTERMEDIATE LIGHT SWITCH TWO WAY LIGHT SWITCH MOTION SENSOR LIGHT SWITCH WITH MOTION SENSOR
SYMBOLS: LINEAR LUMINAIRE BULKHEAD/DOWNLIGHTER, ETC. WALL MOUNTED LUMINAIRES POLE MOUNTED LUMINAIRE	SYMBOLS: TELEPHONE POINT TELEPHONE POINT ON PEDESTAL DIRECT OUTSIDE LINE TELEPHONE POINT (CALL BOX) TV OUTLET DATA/COMMS OUTLET BELL PUSH BELL OUTLET SIGN POINT CLOCK OUTLET PHOTOCELL
SYMBOLS: REFERENCE TO QUANTITY I.e. 3No. REFERENCE TO A DETAIL I.e. DETAIL 2 REFERENCE TO AN ELECTRICAL NOTE I.e. NOTE 4 REFERENCE TO A STANDARD DRAWING I.e. STANDARD DRAWING No.34	SYMBOLS: CABLE NUMBER – REFER CABLE SCHEDULE FOR DETAILS LUMINAIRE TYPE "B" – REFER LUMINAIRE SCHEDULE